Unit 7 Test Alg 1 (7.1-7.3)

Practice Test

Name:

Period:

Multiple Choice:

Write the letter of your choice in the space provided. 1 pt each.

1.	B	2.	D	3.	A	4. D	5. D
6.	A	7.	\bigcirc	8.	B	9. A	^{10.} A

Free Response:

Show all work for credit. Write your final answer in the space provided. **5 pts each unless otherwise indicated.** 11. What is the degree of the polynomial? 12. Simplify

	11. What is the degree of the polynomial?	12. Simplify
	$2x^3 - 5x^2 + 7x$ Degree: 3	$(3x^2 - 5x + 4) + (2x^2 - x - 7)$
	Is the polynomial a monomial, binomial, trinomial, or none of these? (Circle your choice)	CA Gr J
	13. Simplify $(4x^2 - 7x + 5) - (7x^2 - 2x + 1)$ $4x^2 - 7x + 5 - 7x^2 + 2x - 1$	14. Simplify $2x^2(3x^2 - 4x + 5)$
S.	-3x-5x+4	6X4-8X3+10X
	15. Simplify 24 +7	16. Simplify
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(x-3)(2x+7) X 2x + 7 -7 -7 -7 2x + X -7	$(x+2)(x^{2}+2x-4)$ x x^{2} $x^$
	17. Simplify	18. Simplify
	$(x-3)^{2}$ (x-3)(x-3)	(3x+2)(3x-2) - $6x+6x9x^2-4$
	x2-3x-3x+9 -v(x2-6x+9)	
	A	

Multiple Choice

1. A moving company sells boxes for packing items. The large box has a volume of $6x^2 + 2x + 3$ cubic units. The medium box has a volume of $2x^2 - 5$ cubic units. A customer purchases two large boxes and one medium box. What is the total volume of the purchased boxes?



